

1 COMPOSITIONS FOR PRODUCING ARCHITECTURAL CEMENTITIOUS  
2 STRUCTURES HAVING DECORATIVE AGGREGATE-CONTAINING  
3 CEMENTITIOUS SURFACES AND PROCESSES THEREFOR

4 ABSTRACT OF THE DISCLOSURE

5 A packaged dry blended cementitious matrix composition for  
6 mixing with predetermined amounts of a decorative aggregate and  
7 water for producing a decorative aggregate-containing cementitious  
8 slurry for applying to a base, and for producing a durable surface  
9 with exposed decorative aggregate; and process for producing a  
10 decorative aggregate-containing surface. The composition  
11 comprising about 50% to about 79% of a quartzitic silica blend;  
12 about 20% to about 35% of a hydraulic cement selected from the  
13 group consisting of Type V hydraulic cement and white portland  
14 cement; a particulate material selected from the group consisting  
15 of fly ash not exceeding about 8%, silica fume not exceeding about  
16 5% and mixtures thereof; optionally, a superplasticizer or water  
17 reducer; and an optional substance selected from the group  
18 consisting of shrinkage reducers, alkali-silica reactivity  
19 controllers, colorants, permeability reducers and mixtures thereof.

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